

Fig.1

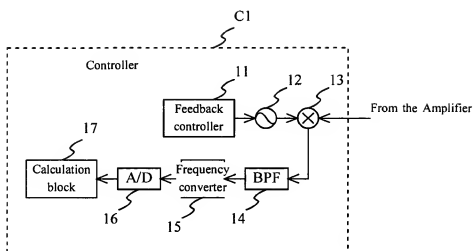


Fig.2

Range of the distortion amount (or error signal) E	Number of interpolation points	Magnitude of E	Number of points in A
$Th1 < E$	$A1$	<div>Large</div> <div>↓</div> <div>Small</div>	<div>Small</div> <div>↓</div> <div>Large</div>
$Th2 < E \leq Th1$	$A2$		
\vdots	\vdots		
$Th(N-1) < E \leq Th(N-2)$	$A(N-1)$		
$0 \leq E \leq Th(N-1)$	$A(N)$		

Fig.3

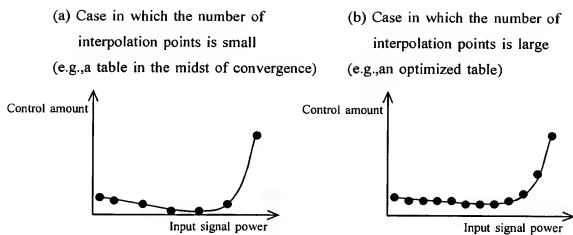
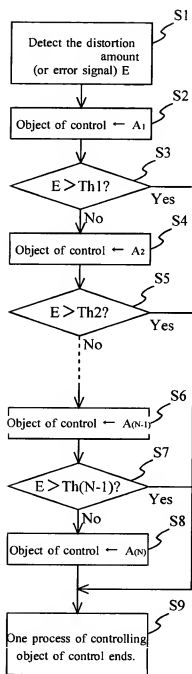


Fig.4



Threshold values for the distortion amount (or error signal) $Th_1 > Th_2 > \dots > Th_{(N-2)} > Th_{(N-1)}$

Fig.5

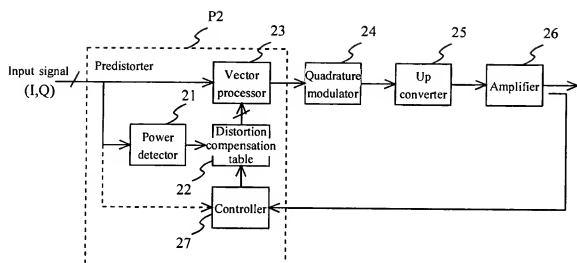


Fig.6

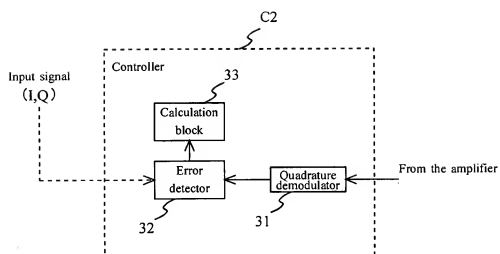


Fig.7

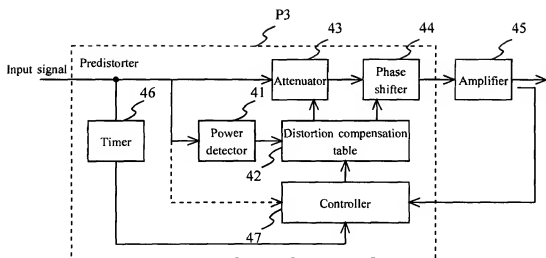
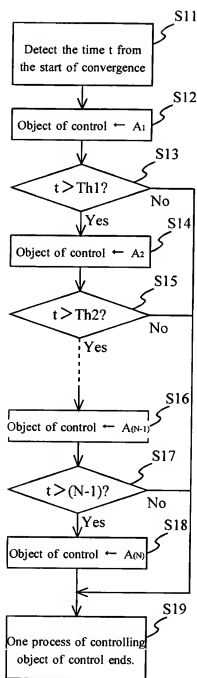


Fig.8

Range of the time t from the start of convergence	Number of interpolation points	Magnitude of t	Number of points in A
$0 < t \leq T_1$	A_1	<div>Small</div> <div>↓</div> <div>Large</div>	<div>Small</div> <div>↓</div> <div>Large</div>
$T_1 < t \leq T_2$	A_2		
\vdots	\vdots		
$T(N-2) < t \leq T(N-1)$	$A(N-1)$		
$T(N-1) < t$	$A(N)$		

Fig.9



Threshold values for time from the start of convergence: $T_1 < T_2 < \dots < T_{(N-2)} < T_{(N-1)}$

Fig.10

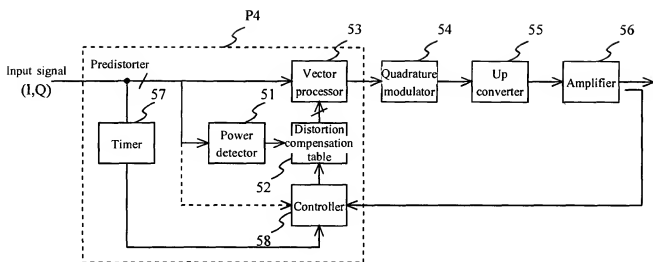


Fig.11

Range of the distortion amount (or error signal) E	Interpolation point update amount	Magnitude of E	Magnitude of the Interpolation point update amount (A)
$Th1 < E$	$A1$	<div>Large</div> <div>↓</div> <div>Small</div>	<div>Large</div> <div>↓</div> <div>Small</div>
$Th2 < E \leq Th1$	$A2$		
\vdots	\vdots		
$Th(N-1) < E \leq Th(N-2)$	$A(N-1)$		
$0 \leq E \leq Th(N-1)$	$A(N)$		

Fig.12

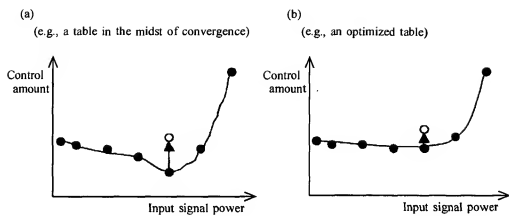


Fig.13

Range of the time t from the start of convergence	Interpolation point update amount	Magnitude of t	Magnitude of the Interpolation point update amount (A)
$0 < t \leq T_1$	A_1	<div>Small</div> <div>↓</div> <div>Large</div>	<div>Large</div> <div>↓</div> <div>Small</div>
$T_1 < t \leq T_2$	A_2		
\vdots	\vdots		
$T(N-2) < t \leq T(N-1)$	$A(N-1)$		
$T(N-1) < t$	$A(N)$		

Fig.14



Range of the distortion amount (or error signal) E	Interpolation point update frequency	Magnitude of E	Magnitude of the interpolation point update frequency (A)
$Th1 < E$	A1	Large  Small	High  Low
$Th2 < E \leq Th1$	A2		
⋮	⋮		
$Th(N-1) < E \leq Th(N-2)$	A(N-1)		
$0 \leq E \leq Th(N-1)$	A(N)		

Fig.15



Range of the time t from the start of convergence	Interpolation point update amount	Magnitude of t	Magnitude of the interpolation point update frequency (A)
$0 < t \leq T1$	$A1$	Small  Large	High  Low
$T1 < t \leq T2$	$A2$		
\vdots	\vdots		
$T(N-2) < t \leq T(N-1)$	$A(N-1)$		
$T(N-1) < t$	$A(N)$		

Fig.16